

## PCT

## INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

03 JUN 2005

Applicant's or agent's file reference <b>P2049PC00</b>	<b>FOR FURTHER ACTION</b> see Form PCT/ISA/220 as well as, where applicable, item 5 below.	
International application No. <b>PCT/NO 2003/000405</b>	International filing date (day/month/year) <b>3 December 2003</b>	(Earliest) Priority Date (day/month/year) <b>3 December 2002</b>
Applicant <b>I dex ASA et al</b>		

This international search report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This international search report consists of a total of 3 sheets.

☒ It is also accompanied by a copy of each prior art document cited in this report.

1. Basis of the report

- a. With regard to the language, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.

☐ The international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).

- b. ☐ With regard to any nucleotide and/or amino acid sequence disclosed in the international application, see Box No. I.

2. ☐ Certain claims were found unsearchable (see Box No. II)

3. ☐ Unity of invention is lacking (see Box No. III)

4. With regard to the title,

☐ the text is approved as submitted by the applicant.

☒ the text has been established by this Authority to read as follows:

Live finger detection by four-point measurement of complex impedance.

5. With regard to the abstract,

☒ the text is approved as submitted by the applicant.

☐ the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box No. IV. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. With regard to the drawings,

- a. the figure of the drawings to be published with the abstract is Figure No. 1

☒ as suggested by the applicant.

☐ as selected by this Authority, because the applicant failed to suggest a figure.

☐ as selected by this Authority, because this figure better characterizes the invention.

- b. ☐ none of the figures is to be published with the abstract.

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INTERNATIONAL SEARCH REPORT

International application No.

PCT/NO 2003/000405

A. CLASSIFICATION OF SUBJECT MATTER

IPC7: A61B 5/103, A61B 5/05

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7: A61B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

SE,DK,FI,NO classes as above

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

EPO-INTERNAL, WPI DATA

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
P,X	WO 03094724 A1 (IDEX ASA), 20 November 2003 (20.11.2003), see the whole document	1-10
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X	WO 0019894 A1 (POLARTECHNICS LIMITED), 13 April 2000 (13.04.2000), page 5, line 25 - line 35; page 6, line 20 - page 7, line 11; page 8, line 31 - page 10, line 9, figures 1b,4,5, abstract, page 14 - page 15	1-5,8,9
Y		6,7,10
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☒ Further documents are listed in the continuation of Box C.

☒ See patent family annex.

\* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier application or patent but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance: the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance: the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&" document member of the same patent family

Date of the actual completion of the international search

6 February 2004

Date of mailing of the international search report

18-02-2004

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## INTERNATIONAL SEARCH REPORT

International application No.

PCT/NO 2003/000405

## C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 9923945 A1 (FIELDS), 20 May 1999 (20.05.1999), page 2, line 25 - page 6, line 12; page 8, line 25 - page 10, line 10, figure 2	1-5,8,9
Y	--	6,7,10
A	US 2001005424 A (MARKSTEINER), 28 June 2001 (28.06.2001), see summary of the invention	1-5,8,9
Y	--	6,7,10
A	US 5953441 A (SETLAK), 14 Sept 1999 (14.09.1999), column 8, line 5 - line 35; column 9, line 51 - column 10, line 47, figures 1-13	1-5,8,9
Y	--	6,7,10
A	WO 0156468 A2 (MASSACHUSETTS INSTITUTE OF TECHNOLOGY), 9 August 2001 (09.08.2001), page 13, line 24 - page 14, line 6; page 15, line 9 - line 14; page 18, line 1 - line 26, figures 2a,2b,3	1-5,8,9
A	EP 0315854 A1 (KAO CORPORATION), 17 May 1989 (17.05.1989), page 4, line 7 - line 29, figures 1, 2, abstract	1-5,8,9
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## INTERNATIONAL SEARCH REPORT

Information on patent family members

24/12/2003

International application No.

PCT/NO 2003/000405

WO	03094724	A1	20/11/2003	NO	20022310 D	00/00/0000
WO	0019894	A1	13/04/2000	AU	6512399 A	26/04/2000
				EP	1119288 A	01/08/2001
				US	6032157 A	29/02/2000
WO	9923945	A1	20/05/1999	AU	1013399 A	31/05/1999
				AU	PP031097 D	00/00/0000
US	2001005424	A	28/06/2001	BR	9911940 A	27/03/2001
				CN	1308506 T	15/08/2001
				DE	19830830 A,C	20/01/2000
				EP	1094750 A	02/05/2001
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				WO	0002485 A	20/01/2000
US	5953441	A	14/09/1999	NONE		
WO	0156468	A2	09/08/2001	US	2002045838 A	18/04/2002
				US	2003149376 A	07/08/2003
EP	0315854	A1	17/05/1989	DE	3884136 D,T	21/04/1994
				ES	2045061 T	16/01/1994
				JP	1126535 A	18/05/1989
				JP	1756184 C	23/04/1993
				JP	4045778 B	27/07/1992
				US	4966158 A	30/10/1990